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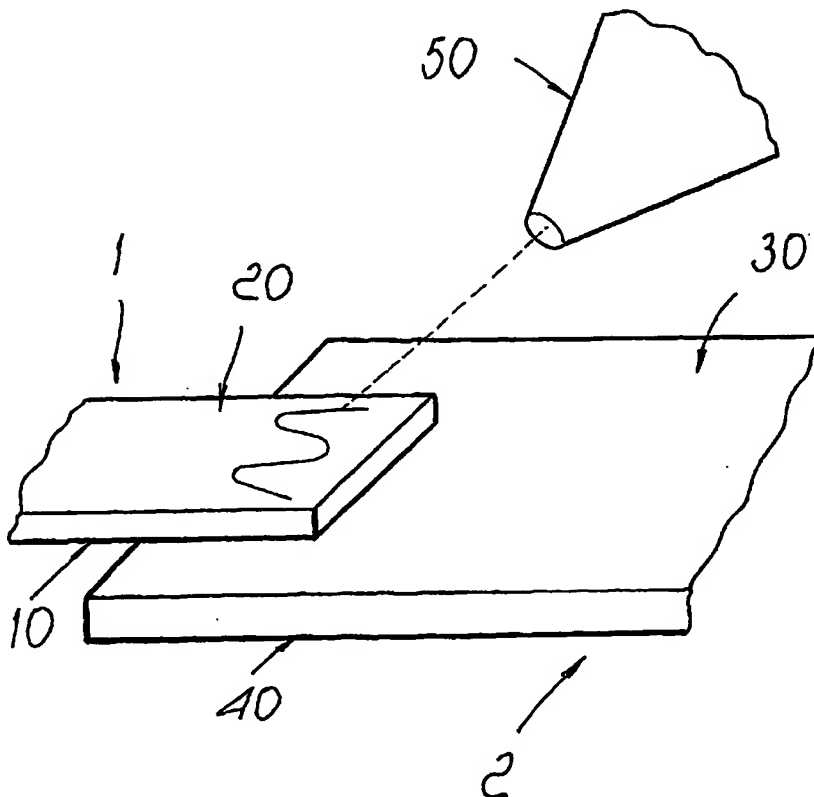
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(54) Title: COMPONENTS OF THERMOSTATIC UNITS AND LASER WELDING METHOD FOR PRODUCING THE COMPONENTS



(57) Abstract: A method for joining components of thermostatic systems and thermal relays for low-voltage circuit breakers, the components being constituted by at least one bimetallic element constituted by a lamina with a first face and a second face and at least one connection element that has a substantially flat end part with a third face and a fourth face, its particularity consisting of the fact that it comprises the steps that consist in: - overlapping and coupling the end part of the first face of the bimetallic element with respect to the third face of the end part of the connection element; - subjecting the end part of the second face of the bimetallic element to the welding action of laser means to provide a weld between the bimetallic element and the connection element.

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ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK,
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
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A. CLASSIFICATION OF SUBJECT MATTER
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	EP 0 327 320 A (RAYCON CORP) 9 August 1989 (1989-08-09) the whole document	1-9
A	US 4 661 677 A (LA ROCCA ALDO V) 28 April 1987 (1987-04-28) column 4, line 33 - line 42; figure 9	1-4
A	US 6 274 843 B1 (DELROISE PASCAL ET AL) 14 August 2001 (2001-08-14) the whole document	1
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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